

How to change front brake discs on VW Polo 5 – replacement guide

 VIDEO TUTORIAL

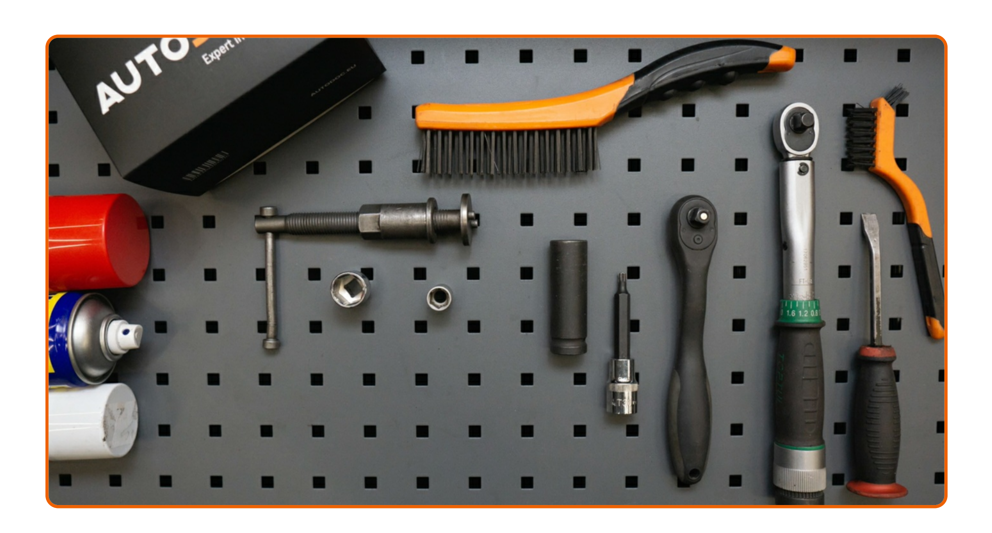
Important!

This replacement procedure can be used for:
VW POLO (6R1, 6C1) 1.6, VW POLO Saloon (602, 604, 612, 614) 1.6

The steps may slightly vary depending on the car design.



REPLACEMENT: BRAKE DISCS – VW POLO 5. TOOLS YOU NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torx bit T30
- Drive socket # 12
- Drive socket # 18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

Replacement: brake discs – VW Polo 5. AUTODOC experts recommend:

- Replace the brake disks on the car VW Polo 5 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Warning! Shut down the engine before starting any work – VW Polo 5.

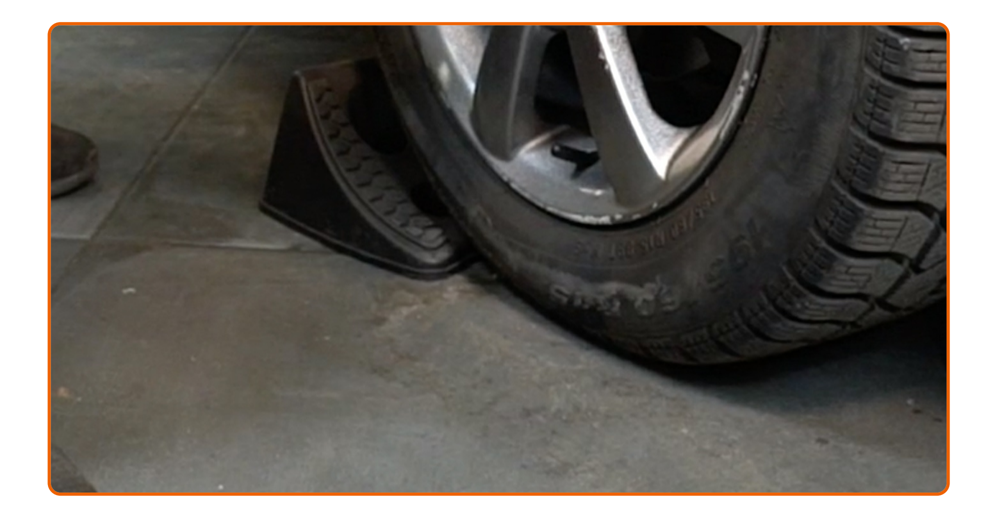
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



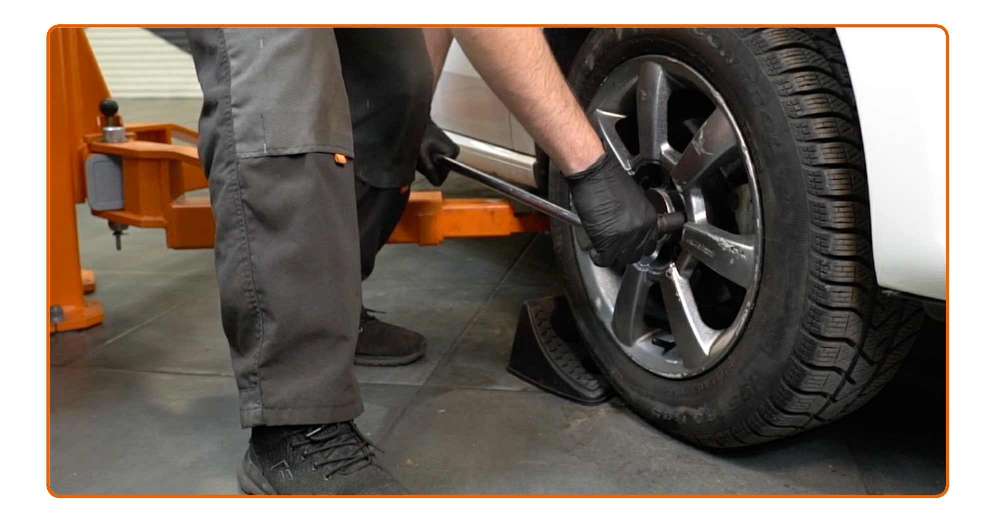
Open the bonnet. Unscrew the brake fluid reservoir cap.

2



Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #17.

4



Raise the front of the car and secure on supports.

5



Unscrew the wheel bolts.

AUTODOC recommends:

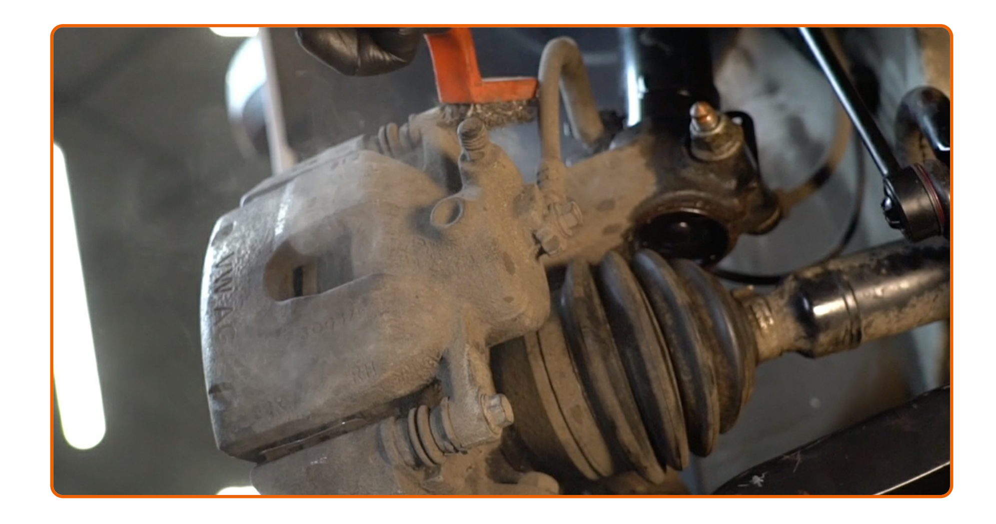
- Important! Hold the wheel while unscrewing the fastening bolts. VW Polo 5

6



Remove the wheel.

7



Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8



Unscrew the brake caliper fastening. Use a drive socket #12. Use a ratchet wrench.

9



Spread the brake pads. Use a crowbar.

10



Remove the brake caliper.

Replacement: brake discs – VW Polo 5. AUTODOC recommends:

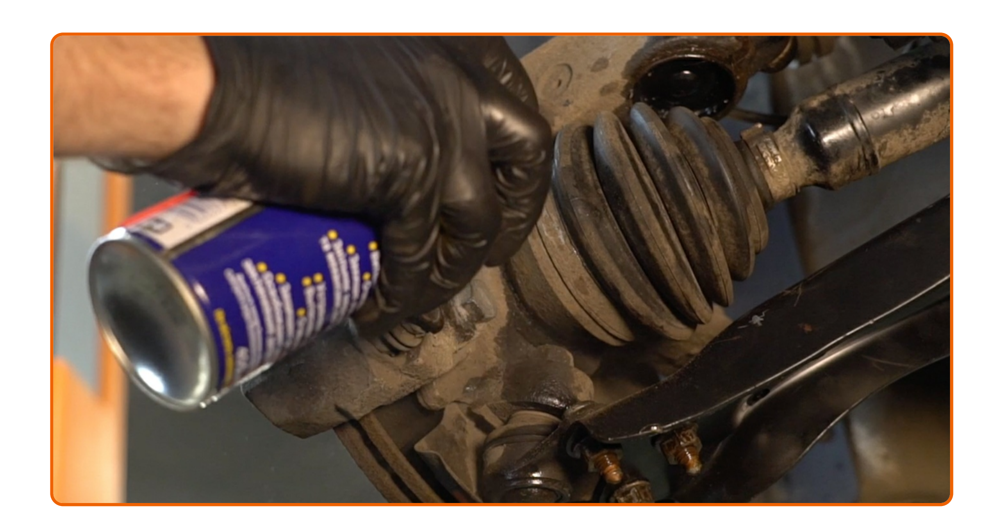
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11



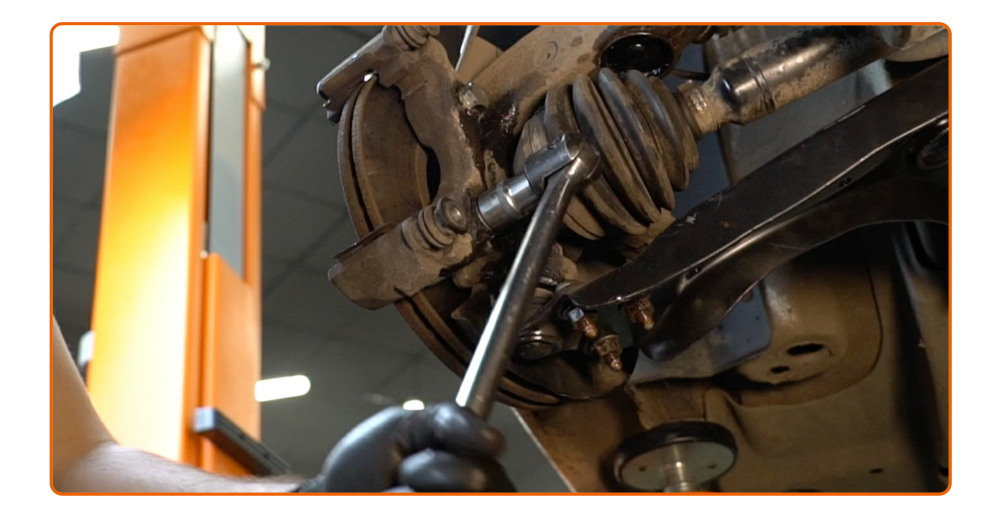
Remove the brake pads.

12



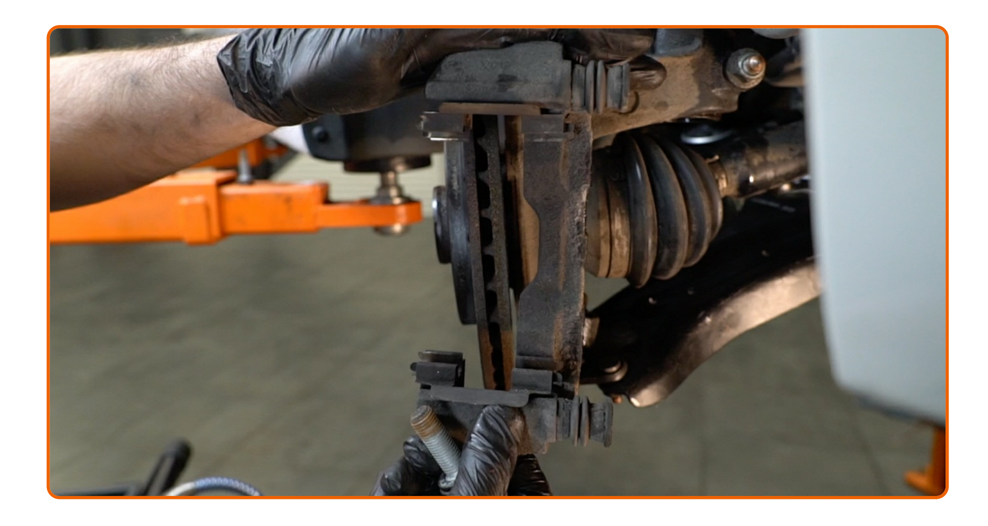
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

13



Unscrew the caliper bracket fastening. Use a drive socket #18. Use a tap wrench.

14



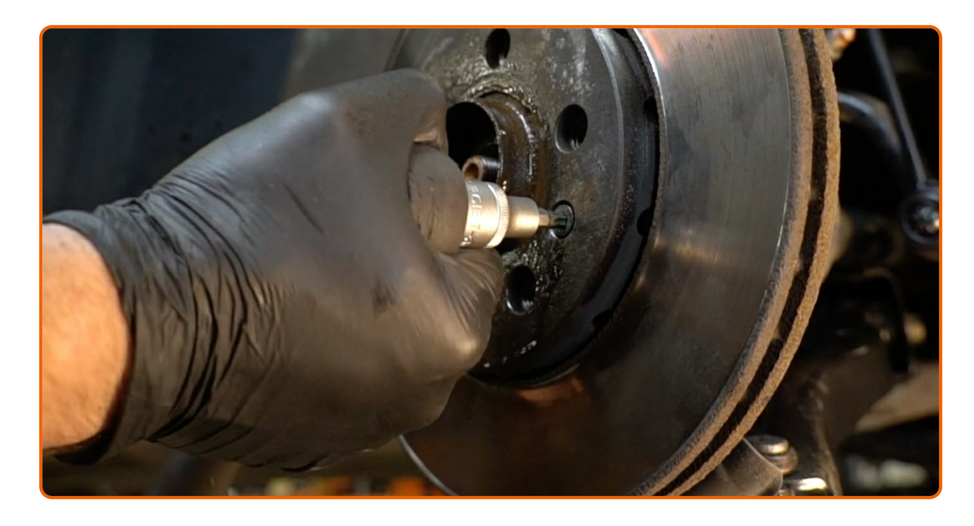
Remove the caliper bracket.

15



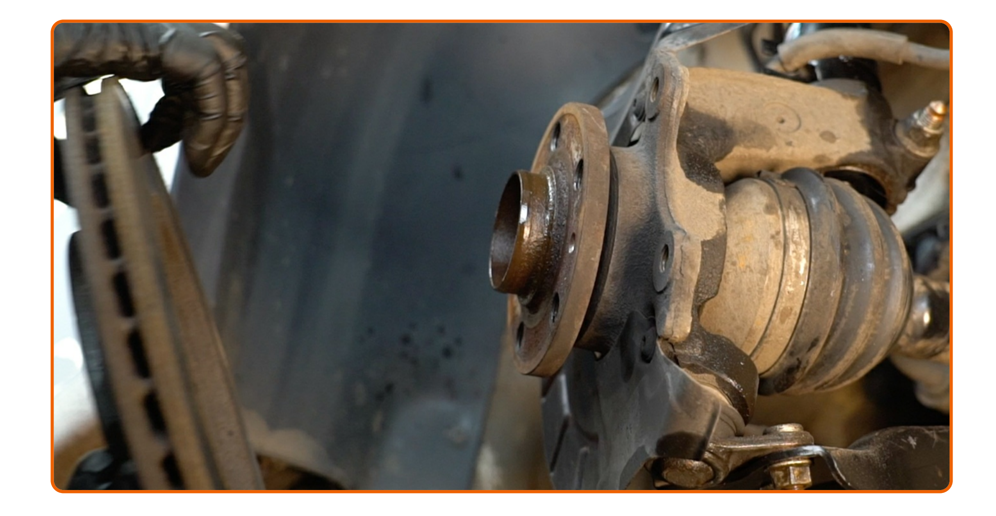
Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

16



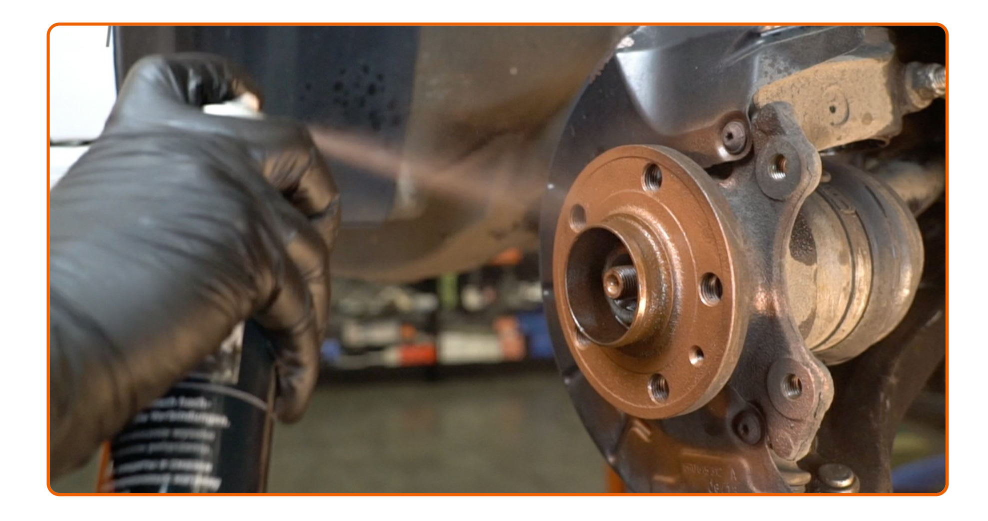
Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.

17



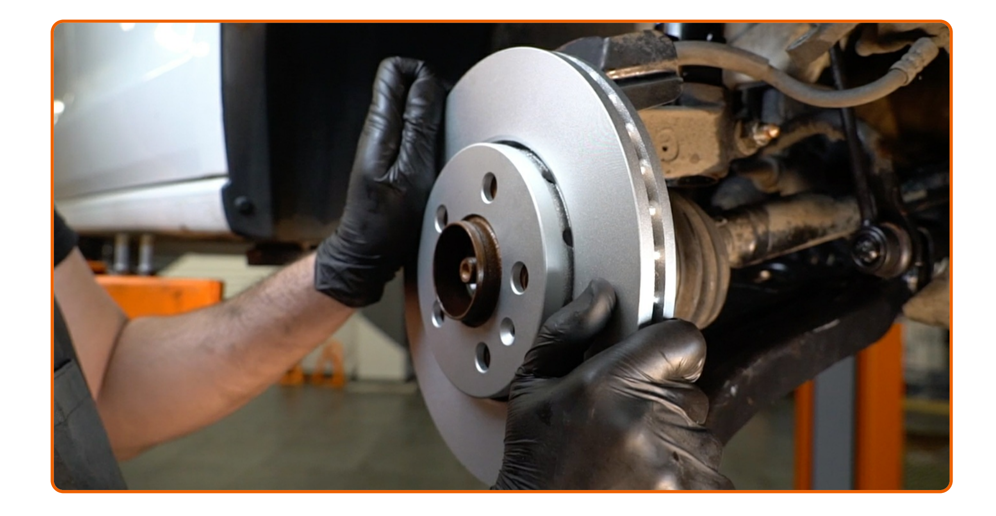
Remove the brake disc.

18



Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

19



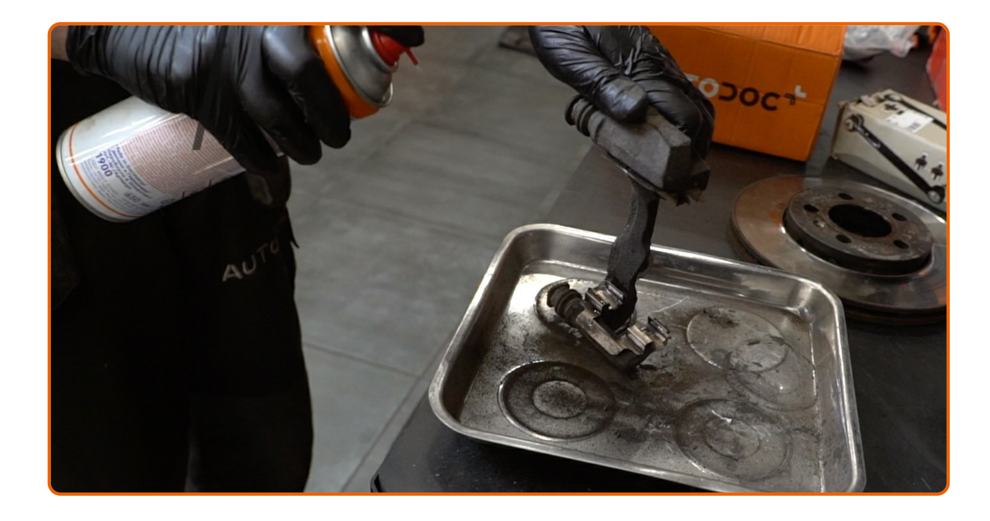
Install the brake disc.

20



Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.

21



Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

Replacement: brake discs – VW Polo 5. Tip:

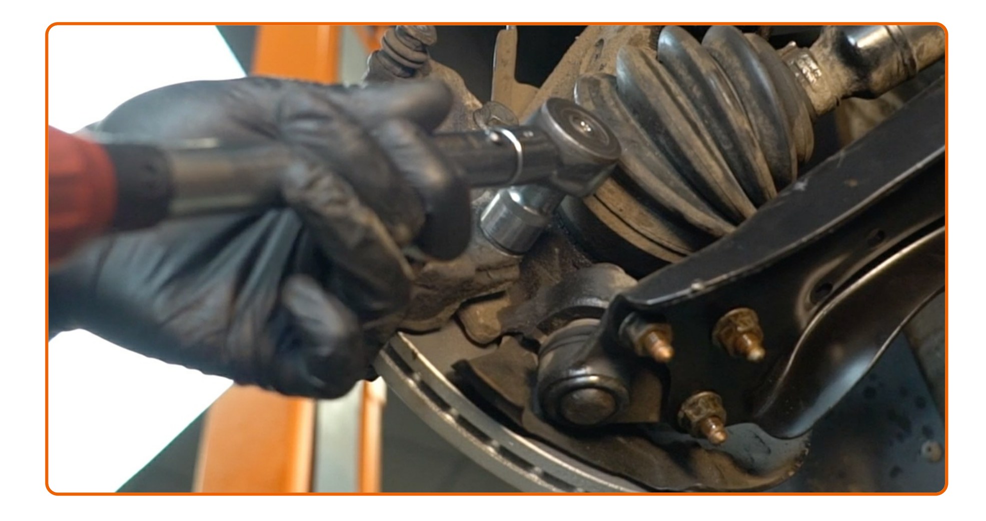
- After applying the spray, wait a few minutes.

22



Install the brake caliper bracket.

23



Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 75 Nm torque.

24



Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

AUTODOC recommends:

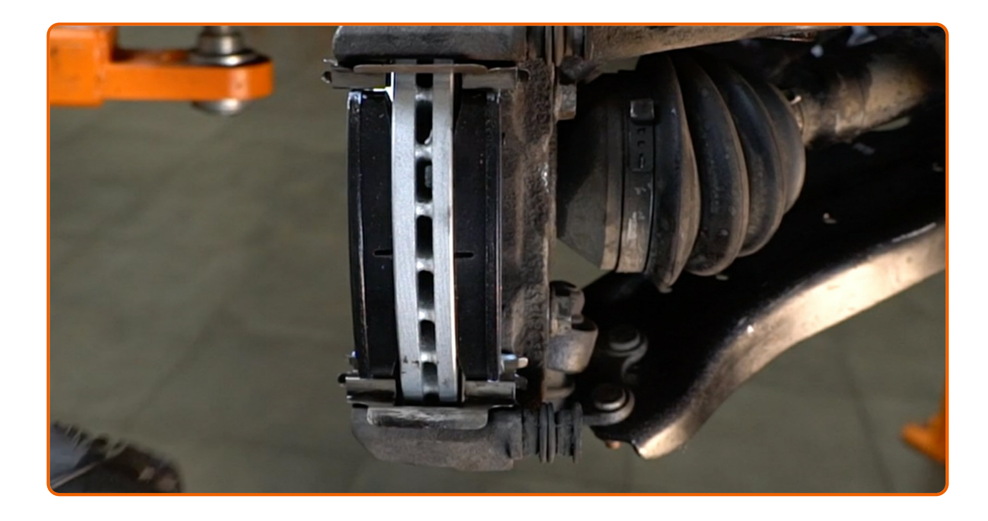
- Replacement: brake discs – VW Polo 5. After applying the spray, wait a few minutes.

25



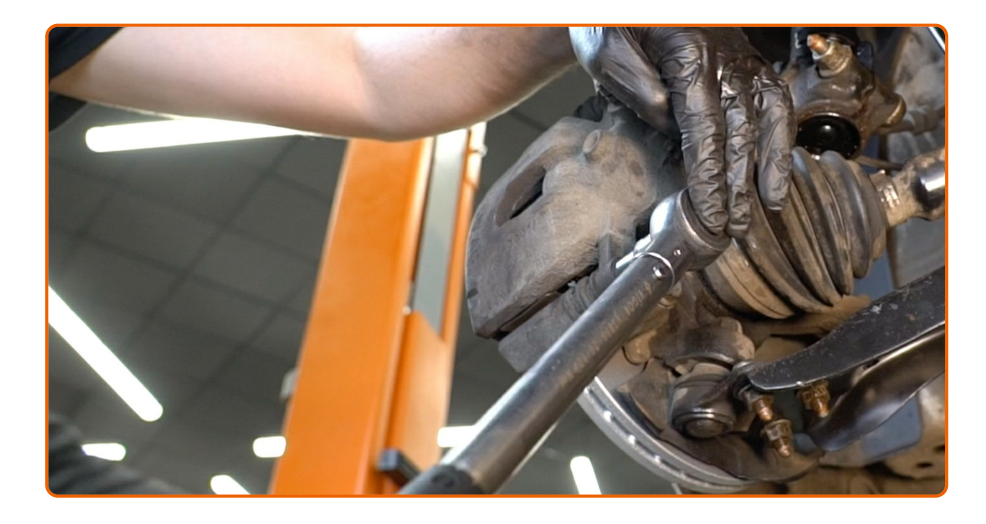
Press in the brake caliper piston. Use brake caliper wind back tool.

26



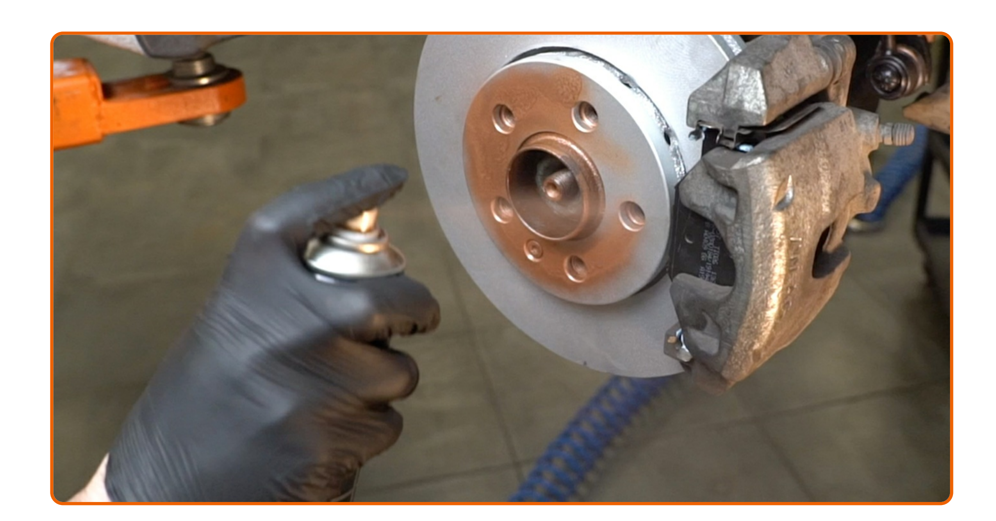
Install the brake pads.

27



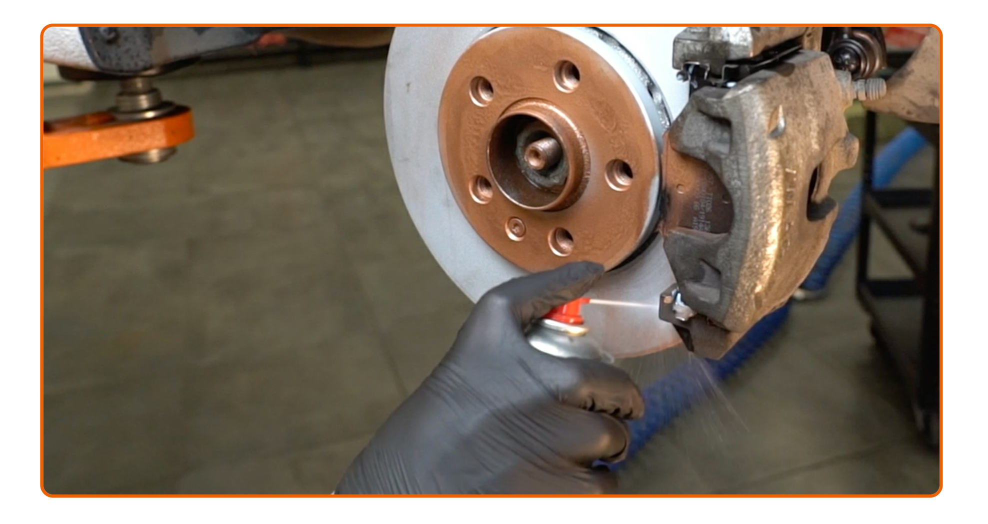
Install the brake caliper and fix it. Use a drive socket #12. Use a torque wrench. Tighten it to 40 Nm torque.

28



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

29



Clean the brake disk surface. Use a brake cleaner.

Replacement: brake discs – VW Polo 5. AUTODOC recommends:

- After applying the spray, wait a few minutes.

30



Install the wheel.

AUTODOC recommends:

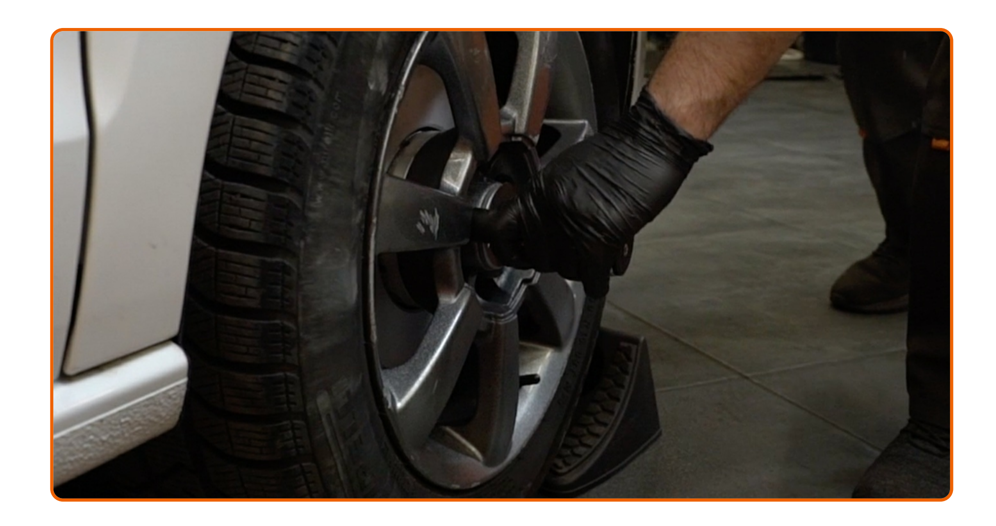
- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Polo 5

31



Screw in the wheel bolts. Use wheel impact socket #17.

32



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

33

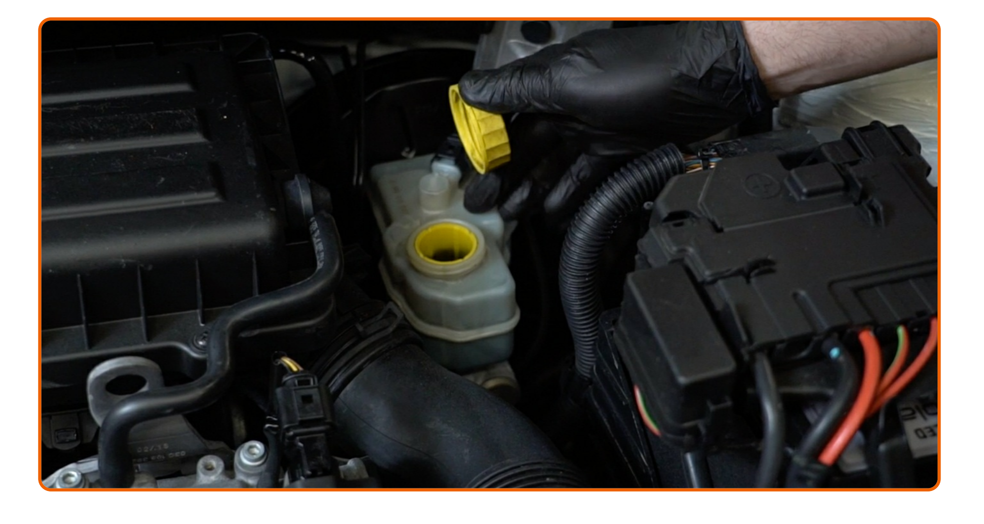


Remove the jacks and chocks.

Replacement: brake discs – VW Polo 5. AUTODOC experts recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.

34



Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- VW Polo 5 – Without starting the engine, press the brake pedal several times until it feels firm.

35



Close the hood.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

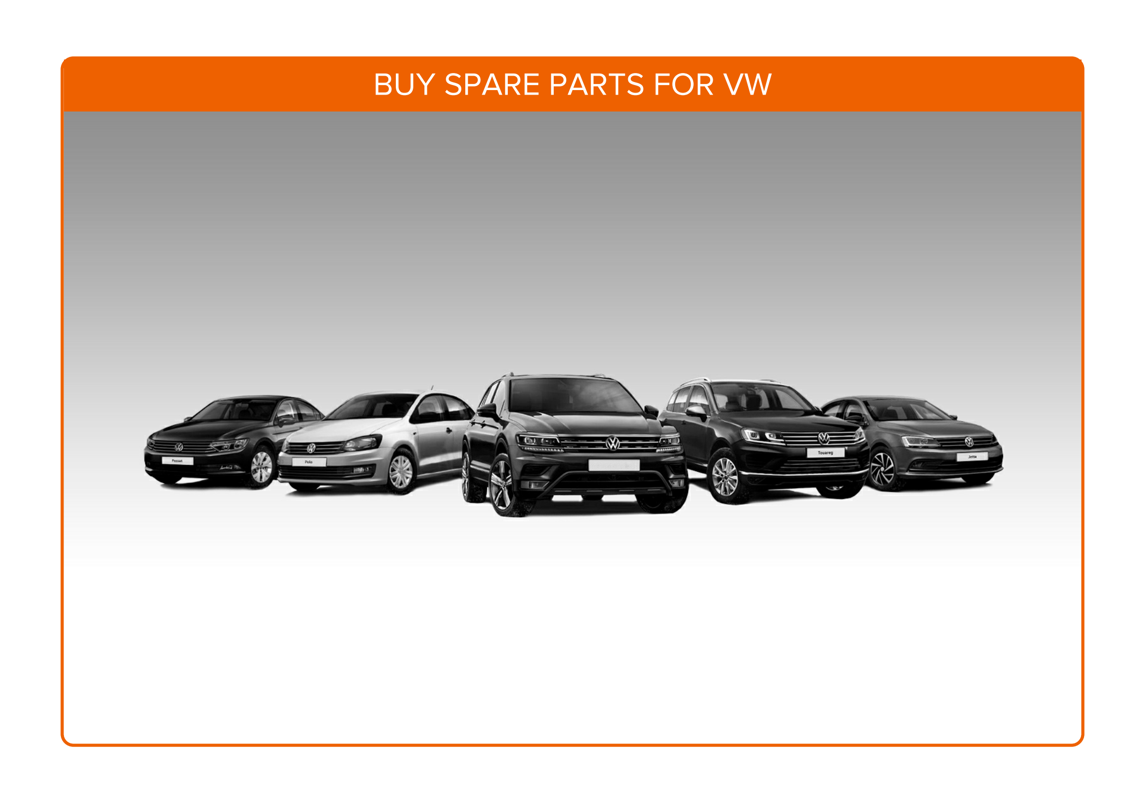
NO



BECOME A MEMBER OF AUTODOC CLUB!

AUTODOC — TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE




BUY SPARE PARTS FOR VW


BRAKE DISCS: A WIDE SELECTION


AUTODOC


CHOOSE CAR PARTS FOR VW POLO 5


BRAKE DISCS FOR VW: BUY NOW



BRAKE DISCS FOR VW POLO 5: THE BEST DEALS & OFFERS



ⓘ Disclaimer:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AutoDoc shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AutoDoc shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AutoDoc shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AutoDoc strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.